



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBD29823-5A
Job Sheet 195990



Part No: RBD29823-5A

Job Qty: 4 pcs

Part Name: Tail Rotor Nut Wrench "D" Model (New Design)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/4/19

Job Tracking No:

Due Date: 8/1/19

Created By: Marie Lajeunesse

Type: SOLD

Description: *over 16098*

Note: DWG RBD29823-5A Rev 3 IPP Rev.A 17.08.30 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Waterjet - Omax - 1	4 pcs	8/1/19	8/1/19	0.00	0.33	Waterjet - Omax		<i>06/19/07/11</i>
120	QC 2	4 pcs	8/1/19	8/1/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		<i>06/19/07/11</i>
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		
							QC 2 - 65		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S197424



Part: RBD29823-5A

Job No: 195990

Serial No/Batch: S197424

Revision: 3

Inspector:

Exp Date:

Instructions:

Date: 07/26/19

130 QC 8	4 pcs	8/1/19	0.00 0.00	QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	JUL 15 2019 DAS 40
				QC 8 - 52	9-89
				QC 8 - 23	
				QC 8 - 57	
150 Outsource - 1 - Heat Treat	4 pcs	8/1/19		ATL002-VC	5 JUL 2019-07-16
151 Packaging 2-1 - Receive - B4B	4 pcs	8/1/19	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	

					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
152 QC 6	4 pcs	8/1/19	0.00 0.00		QC 6 - 9	
					QC 6 - 68	DAS
					QC 6 - 61	61
					QC 6 - 40	9-89
160 Outsource - 12 - Black Oxide	4 pcs	8/1/19			GRO002-VC	2019-07-29
190 Packaging 2-2 - Receive - B4B	4 pcs	8/1/19	0.00 0.00		Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	DP AUG 06 2019
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
200 QC 6	4 pcs	8/1/19	0.00 0.00		QC 6 - 9	
					QC 6 - 68	DAS
					QC 6 - 61	81
					QC 6 - 40	9-89
210 Packaging 3-1 - Stock - B4B	4 pcs	8/1/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	

				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
220 QC 21 - SA	4 pcs	8/1/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	
				QC 21 - SA - 53	

Part Op 110 - OMAX (Waterjet 2) 1-Cut as per Dwg Dwg Rev: _____ Prog Rev: _____ 2-Debur if necessary

Descriptions: 120 - (QC2- Inspect parts off machine FAI/FAIB)

130 - (QC8- Inspect parts - second check) Engrave T/N And / or S/N number as required Using Marktronic engraver as per DWG.

150 - HEAT TREATING 1--Issue P/O to Meteor ; P/O 44022 RC 44-47 2-Bead blast 3- Certificate of Conformity is required

160 - -Issue P/O; 44142 -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Certificate of Conformity is required

190 - (Receive & Inspect for Damage & Mat'l Certs)

200 - (QC6- All purchased or subcontracted products)

210 - (Identify as per dwg & Stock Location: _____)

220 - (QC21- Final Inspection - Work Order Release)

GA 141/E

AUG 06 2019

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
M4130NS.188	4130 Sheet .188	.1840 sf (.046 ea)	110-Waterjet - Omax - 1	5078/50

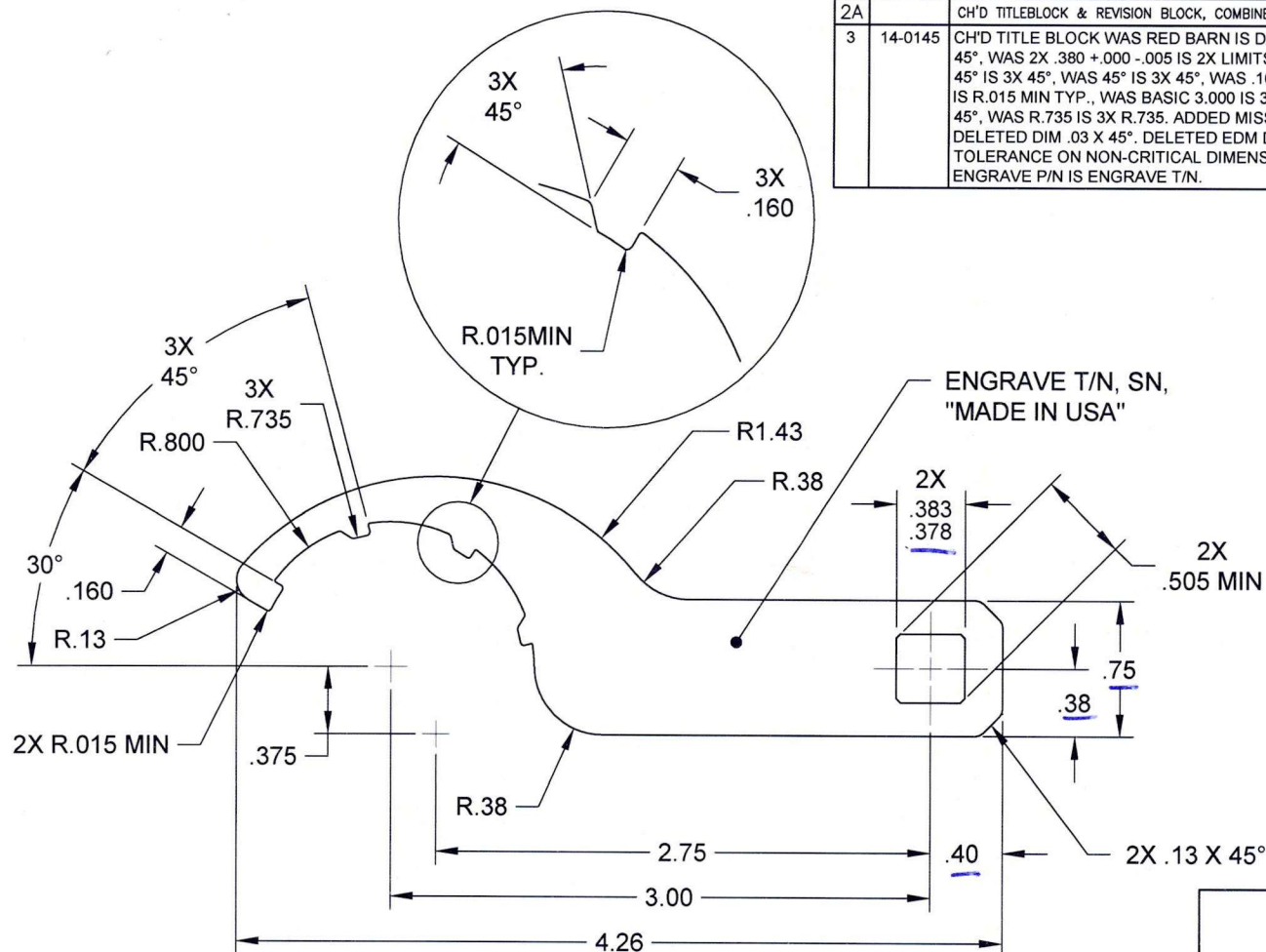
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-Waterjet - Omax - 1	M4130NS.188	0	11	0

Part Specifications	
Specifications could not be found.	

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REVISIONS				DATE	INITIAL	APPROVED
REV	ECR	DESCRIPTION				
1		UPDATED FOR UNIFORMITY WITH -5 (INCREASED TO R1.425).				
2		CHANGED ALFA TO NUMERICAL REV, CH'D SQUARE SIZE/TOLERANCE.		4/23/09	RJC	
2A		CH'D TITLEBLOCK & REVISION BLOCK, COMBINED EDM FILE WITH DWG.		12/8/09	RJC	RW
3	14-0145	CH'D TITLE BLOCK WAS RED BARN IS DART. CH'D DIMS WAS 1/32 X 45° IS .03 X 45°, WAS 2X .380 +.000 -.005 IS 2X LIMITS .383 TO .378, WAS .188 IS (.188), WAS 45° IS 3X 45°, WAS 45° IS 3X 45°, WAS .160 IS 3X .160, WAS LIMITS R.015 TO .020 IS R.015 MIN TYP., WAS BASIC 3.000 IS 3.00, WAS 2X 1/8 CHAMFER IS 2X .13 X 45°, WAS R.735 IS 3X R.735. ADDED MISSING DIMS 2X .505 MIN, 2X R.015 MIN, .38. DELETED DIM .03 X 45°. DELETED EDM DETAIL & CALLOUT & Ø.250 HOLE. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS. CH'D ENGRAVE NOTE WAS ENGRAVE P/N IS ENGRAVE T/N.		9/8/14	DJN	RJC

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 195990
MC
190604



ASSY QTY	ASSY QTY	B/O	PART #	QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS
				1	WRENCH	4130	3/16 x 1-5/8 x 4-1/2

DART AEROSPACE	
TITLE TAIL ROTOR NUT WRENCH ("D" MODEL)	
DWG NO. RBD29823-5A (NEW STYLE)	REV 3
MAT'L 4130	DRAWN BY COLE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Wed</i>
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° OR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC BLACK OXIDE USED ON MODEL MD 500 D
SCALE 1:1	DATE 7-31-00 SHEET 1 of 1

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread		Other/Details: _____ _____ _____			

DART
AEROSPACE

Container No: S197424



Part: RBD29823-5A

Job No: 195990

Serial No/Batch: S197424

Revision: 3

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 832-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 07/11/19



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044022



Supplier: ATL002-VC
Atlantic Heat Treat 2001
401 Frankcom
Ajax
ON
L1S 1R4 Canada
Phone: 866 257 6395

Attention: Ananth, Nimmy

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044022

PO Date: 7/16/19

Due Date: 7/23/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	195955	RBA9937-5	Tail Rotor Nut Wrench "C" Model (Rb Design) HEAT TREATING 1--Issue P/O _____ RC 45-47 Material 4130/4140 2-Bead blast 3- Certificate of Conformity is required	Firmed	-	7/23/19	6 pcs	0 pcs	6 pcs	\$12.50/pcs	\$75.00
							6 X JUL 25 2019				
2	195990	RBD29823-5A	Tail Rotor Nut Wrench "D" Model (New Design) HEAT TREATING 1--Issue P/O _____ RC 44-47 Material 4130 2-Bead blast 3- Certificate of Conformity is required	Firmed	-	7/23/19	4 pcs	0 pcs	4 pcs	\$18.75/pcs	\$75.00
							4 X JUL 25 2019				
										DAS 61 9-89	
3	195344	C45-15	Keeperless Adapter 1-Issue P/O to ATLANTIC HEAT TREAT; P/O _____ RC 44-46 2-Bead blast 3--Material type; 4140 4- Certificate of Conformity is required	Firmed	-	7/23/19	6 pcs	0 pcs	6 pcs	\$28.3333/pcs	\$170.00
							6 X JUL 25 2019				



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
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Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044022



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	197209	C45-13-4	Keeper (Outsource process - Heat Treat) 1--Issue P/O _____ RC 44-46 Material 4140/4142 2-Bead blast 3- Certificate of Conformity is required note: part made from 4140 plate	Firmed	-	7/23/19	10 pcs	0 pcs	10 pcs	\$17.00/pcs	\$170.00
5	197271	RBD29822-5	Wrench Only 1-Issue P/O; _____ RC 35-40 Material 4140 2-Bead blast 3--Material type; 4140 4- Certificate of Conformity is required	Firmed	-	7/23/19	4 pcs	0 pcs	4 pcs	\$42.50/pcs	\$170.00
Grand Total:											\$660.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 7/25/19 2:14 PM Dart.Guerin.Kimberley

Shipping Ticket

Sold To: 1448
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Ship To: 165183
DART AEROSPACE LTD.
1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Page 1 of 1

Purchase Order Number	Packing List No	Customer Job No	Route	Carrier
POHB044022				

Quantity	Part No. / Part Name / Part Description	Pounds
4	PCS MATERIAL 4130 SANDBLAST AND HEAT TREAT TO 44-47RC C OF C, PRT# RBD29823-5A, JOB# 195990	

DAS
61
9-89

Container Type	# Of Containers	Cust Cont Id	Container Type	# Of Containers	Cust Cont Id
BOX	1				

NOTICE: OUR LIABILITY IS LIMITED TO OUR INVOICE CHARGES ONLY

Shipped Complete

Quantity Shipped:

Pounds Shipped:

4
1.00

47 Rc
7-24-19

RECEIVED

JUL 25 2019

DART AEROSPACE LTD.

8131 7335 0312

Order No.: 168290

Shipped Complete

Quantity Shipped:

4.00

Received By:

Date:

Pounds Shipped:

1.00

Sold To: DART AEROSPACE LTD.

Shipped ON: 07/18/2019

Certification

Date: 24/07/2019

Entry Date: 18/07/2019

Page: 1 of 1

To:DART AEROSPACE LTD.
1270 ABERDEEN ST

Purchase Order No.: POHB044022 ✓

Packing List No.:

HAWKESBURY ON K6A 1K7

Material: 4130

We are pleased to provide you with the following Certificate of Compliance.

Quantity	Part Number / Part Name / Part Description	Pounds
4	4 PCS MATERIAL 4130 SANDBLAST AND HEAT TREAT TO 44-47RC C OF C, PRT# RBD29823-5A, JOB# 195990	1

Insp. Type	Scale	Minimum	Maximum	Number	Other
------------	-------	---------	---------	--------	-------

Customer Requirements:DAS
61
9-89**Results:**

Harden ROCKWE	44.	47.	47. TESTED AS PER SAMPLING PLAN
HEAT TREATED TO 47RC AS PER CUST REQUEST			

STATEMENT OF LIMITED LIABILITY (PLEASE READ CAREFULLY). ALL WORK IS ACCEPTED SUBJECT TO THE FOLLOWING CONDITIONS: It is recognized that even after employing all the scientific methods known to us, hazards still remain in metal treating. THEREFORE, OUR LIABILITY SHALL NOT EXCEED TWICE THE AMOUNT OF OUR CHARGES FOR THE WORK DONE ON ANY MATERIAL (FIRST TO REIMBURSE FOR THE CHARGES AND SECOND TO COMPENSATE IN THE AMOUNT OF THE CHARGES), EXCEPT BY WRITTEN AGREEMENT SIGNED BY THE METAL TREATER. THE CUSTOMER, BY CONTRACTING FOR METAL TREATMENT, AGREES TO ACCEPT THE LIMITS OF LIABILITY AS EXPRESSED IN THIS STATEMENT TO THE EXCLUSION OF ANY AND ALL PROVISIONS AS TO LIABILITY ON THE CUSTOMER'S OWN INVOICES, PURCHASE ORDERS OR OTHER DOCUMENTS. IF THE CUSTOMER DESIRES HIS OWN PROVISIONS AS TO LIABILITY TO REMAIN IN FORCE AND EFFECT, THIS MUST BE AGREED TO IN WRITING, SIGNED BY AN OFFICER OF THE TREATER. IN SUCH EVENT, A DIFFERENT CHARGE FOR OUR SERVICES REFLECTING THE HIGHER RISK TO TREATER, SHALL BE DETERMINED BY THE TREATER AND CUSTOMER. THE TREATER MAKES NO EXPRESS OR IMPLIED WARRANTIES AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF THE FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, AS TO THE PERFORMANCE OF CAPABILITIES OF THE MATERIAL AS HEAT TREATED, OR THE HEAT TREATMENT. THE FOREMENTIONED LIMITATION OF LIABILITY STATED ABOVE IS SPECIFICALLY IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS, AND OF ANY OTHER SUCH OBLIGATION ON THE PART OF THE TREATER. No claim for shortage in weight or count will be entertained unless presented within five (5) working days after receipt of materials by customer. No claim will be allowed for shrinkage, expansion, deformity, or rupture of material in treating or straightening, except by prior written agreement, as above, nor in any case for rupture caused by or occurring during subsequent grinding. Whenever we are given material with detailed instructions as to treatment, our responsibility shall end with the carrying out of those instructions. Failure by a customer to indicate plainly and correctly the kind of material (i.e., proper alloy designation) to be treated, shall cause an extra charge to be made to cover any additional expenses incurred as a result thereof, but shall not change the limitation of liability stated above. Customer agrees there will be no liability on the treater in contract for any special, indirect or consequential damages arising whatsoever, including but not limited to personal injury, property damage, loss of profits, loss of production, recall or any other losses, expenses or liabilities allegedly occasioned by the work performed on the part of the treater. It shall be the duty of the customer to inspect the merchandise immediately upon its return, and in any event claims must be reported prior to the time that any further processing, assembling or any other work undertaken. OUR LIABILITY TO OUR CUSTOMERS SHALL CEASE ONCE ANY FURTHER PROCESSING, ASSEMBLING OR ANY OTHER WORK HAS BEEN UNDERTAKEN ON SAID MATERIAL. No agent or representative is authorized to alter the above conditions, except by writing duly signed by an officer of treater.


KEAN SHEPHERD
QUALITY CONTROL
ATLANTIC HEAT TREATING 2001 LTD



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044142



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044142

PO Date: 7/29/19

Due Date: 8/6/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-08-01

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	197188	RB6872882-7	Body Weldment Outside Processing - Black Oxide -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	Firmed -		8/6/19	1 pcs	0 pcs	1 pcs	\$2.7272/pcs	\$2.73
				X1							DP
											AUG 06 2019
											5200582
2	197271	RBD29822-5	Wrench Only -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed -		8/6/19	4 pcs	0 pcs	4 pcs	\$10.2272/pcs	\$40.91
				X4							DP
											AUG 06 2019
											5198083

Plex 8/1/19 8:54 AM Dart.Guerin.Kimberley



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044142



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	197494	RBE350A94-2706-00-09	Pin -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	-	8/6/19	10 pcs	0 pcs	10 pcs	\$2.7272/pcs	\$27.27
				X10				AUG 06 2019			DP
								5199612			
4	197253	RB6795590-10	Flat Head Socket Cap Screw -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; Flat head socket cap screw -Certificate of Conformity is required	Firmed	-	8/6/19	8 pcs	0 pcs	8 pcs	\$2.7272/pcs	\$21.82
5	197686	RB6889888-F01-1	Plate -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	Firmed	-	8/6/19	4 pcs	0 pcs	4 pcs	\$2.7272/pcs	\$10.91
				X4				AUG 06 2019			DP
								5198619			
6	197267	RB6795590-8	Tee Handle Weldment -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	Firmed	-	8/6/19	2 pcs	0 pcs	2 pcs	\$2.7272/pcs	\$5.45
				X2				AUG 06 2019			DP
								5200372			

Plex 8/1/19 8:54 AM Dart.Guerin.Kimberley



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044142



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	197650	RB6795590-6	Adjusting Screw -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 4140 -Certificate of Conformity is required	Firmed	-	8/6/19	5 pcs	0 pcs	5 pcs	\$2.7272/pcs	\$13.64
				X5		AUG 06 2019					DP
						5197694					
8	195990	RBD29823-5A	Tail Rotor Nut Wrench "D" Model (New Design) -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Certificate of Conformity is required	Firmed	-	8/6/19	4 pcs	0 pcs	4 pcs	\$2.7272/pcs	\$10.91
				X4		AUG 06 2019					DP
						5197424					
9	195955	RBA9937-5	Tail Rotor Nut Wrench "C" Model (Rb Design) -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Certificate of Conformity is required	Firmed	-	8/6/19	6 pcs	0 pcs	6 pcs	\$2.7272/pcs	\$16.36
				X6		AUG 06 2019					DP
						5196630					
Grand Total:											\$150.00



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PURCHASE ORDER

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Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/1/19 8:54 AM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

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2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
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DART AEROSPACE LTD
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 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
02-Aug-2019		Jigar Patel		POHB044142				
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RB6872882-7 Rev.	RB6872882-7 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OF EXCESS	OXIDE-BLACK CH	1	1	0	0	0
2	RBD29822-5 Rev.	RBD29822-5 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OF EXCESS	OXIDE-BLACK CH	4	4	0	0	0
3	RBE350A94-2706-00-09 Rev.	RBE350A94-2706-00-09 01 -OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	OXIDE-BLACK CH	10	10	0	0	0
4	RB6795590-10 Rev.	RB6795590-10 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OF EXCESS	OXIDE-BLACK CH	8	8	0	0	0
5	RB6889888-F01-1 Rev.	RB6889888-F01-1 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OF EXCESS	OXIDE-BLACK CH	4	4	0	0	0



Certificat de Conformité / Certificate of Compliance

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1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

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 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
02-Aug-2019		Jigar Patel		POHB044142				
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Quantités / Quantities Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
6	RB6795590-8 Rev.	RB6795590-8 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OF EXCESS	OXIDE-BLACK CH	2	2	0	0	0
7	RB6795590-6 Rev.	RB6795590-6 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OF EXCESS	OXIDE-BLACK CH	5	5	0	0	0
8	RBD29823-5A Rev.	RBD29823-5A OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OF EXCESS	BLACK-OXIDE CH	4	4	0	0	0
9	RBA9937-5 Rev.	RBA9937-5 OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY THIN LAYER OF OIL/CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE 3 OR MILL-C23411A OR MIL-PRF-81309 AND WIPE OF EXCESS	OXIDE-BLACK CH	6	6	0	0	0
10	SANDBLAST Rev.	SANDBLAST SANDBLAST	SANDBLAST CH	1	1	0	0	0

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